## IN THE CLAIMS:

Please AMEND the claims as follows:

(Previously presented) A client-side software module comprising:

 a user interface for interacting with a user and for identifying a target web page;
 a multilevel search control interface configured to accept at least two parameters,
 a first one that defines a content based search string and a second one that identifies a
 linked set of documents that are linked via one or more levels of hyperlinks to the target web page;

a portable executable program code that is responsive to the at least two parameters, and is programmed to perform a multilevel search to search each of the documents specified in the linked set of documents for content that matches the content based search string;

a network based program module that causes at least a portion of the portable executable program code to be transmitted to a server that is adapted to accept executable code and to execute such code on behalf of one or more remote clients;

wherein at least some executable code that has been transferred from the clientside software module is permitted to execute at the server, and upon execution, the portion of the executable code that is executed orchestrates a multilevel search to cause the documents in the linked set of documents to be analyzed to determine whether they match the content based search string, and to couple back to the client-side software module a returned set of documents;

wherein each document in the returned set of documents includes content as defined by the first parameter and is guaranteed to be a member of the linked set of documents as defined by the second parameter; and

wherein the first parameter is not re-entered into any embedded search engines found in the linked set of documents or any other search engines to extend the search beyond the linked set of documents.

 (Previously Presented) The client-side software module of Claim 1, wherein said user interface comprises a window display providing an interactive menu to a user.

- 3. (Previously Presented) The client-side software module of Claim 2, wherein said user window is a part of a windows based graphical user interface.
- 4. (Previously Presented) The client-side software module of Claim 1, wherein each file found in the search is automatically downloaded by the client-side software module to create a local linked representation of the linked set of documents.
- 5. (Previously Presented) The client-side software module of Claim 1, wherein each document found in the search is downloaded and a local sitemap representative of the linking structure of the linked set of documents is created by the client-side software module.
- 6. (Previously presented) A client-side software module comprising: a user interface for interacting with a user and for identifying a target web page; a multilevel search control interface configured to accept at least three parameters to include i) one that defines a content based search string and ii) one that identifies a set of linked set of documents that are linked via one or more levels of hyperlinks to the target web page and iii) one that specifies one or more file types as defined by one or more file name extensions;

a portable executable program code that is responsive to the at least three parameters, and is programmed to perform a multilevel search to search each of the documents having the specified file type and being in the linked set of documents for content that matches the content based search string, wherein each document in the linked set of documents can be reached from the target document via a sequence of hyperlinks that are each found in documents in the linked set of documents;

a network based program module that causes at least a portion of the portable executable program code to be transmitted to a server that is adapted to accept executable code and to execute such code on behalf of one or more remote clients;

wherein at least some executable code that has been transferred from the browser module is permitted to execute at the server, and upon execution, the portion of the executable code that is executed orchestrates a multilevel search to cause the documents in the linked set of documents to be analyzed to determine whether they match the

content based search string and also meet the file type specification, and to couple back to the client-side software module a returned set of documents;

wherein each document in the returned set of documents is of the specified file type, includes content as defined by the content based search string, and is guaranteed to be a member of the linked set of documents; and

wherein the first parameter is not re-entered into any embedded search engines found in the linked set of documents or any other search engines to extend the search beyond the linked set of documents.

- 7. (Previously presented) The client-side software module of Claim 6, wherein said client-side software module is operative to search for all files with an extension of .ppt within the specified domain.
- 8. (Previously presented) The client-side software module of Claim 6, wherein said client-side software module is operative to download all files found in the search.
- 9. (Presently Amended) For use in a client computerized device, a method comprising the steps of:

obtaining application data from an application layer interface; passing said information to a user via a user interface;

coupling a multilevel-search interface signal to a user, the multilevel search interface being configured accept at least two parameters, a first parameter that defines a content based search string and a second parameter that identifies a set of linked set of documents that are linked via one or more levels of hyperlinks from a target web page and the hyperlinks point are constrained to point to documents within the boundaries of a specified domain;

transmitting a multilevel search specification to a remote server, wherein said multilevel search specification causes the following acts to be executed in one or more remote servers:

(i) accessing a first markup language document and scanning said document to determine a hyperlink contained therein;

- (ii) determining whether the hyperlink points to a document whose URL address falls within the boundaries of the specified domain;
- (iii) if the hyperlink was found to to fall within the boundaries of the specified domain, activating said hyperlink found in said accessing;
- (iv) retrieving at least a portion of the document pointed to by said hyperlink; and
- (v) comparing the contents of the document to at least a portion of said content based search string;
- (vi) coupling back to the client computerized device the document if the comparison has a positive result;

wherein each document coupled back to the client computerized device as a result of the multi-level search is guaranteed to be a member of the linked set of documents defined by the second parameter and to include content as defined by the first parameter; and

wherein the first parameter is not re-entered into any embedded search engines found in the linked set of documents or any other search engines to extend the search beyond the linked set of documents.

- 10. (cancelled)
- 11. (cancelled)
- 12. (Previously presented) The method of Claim 9, wherein said content based search string includes a Boolean keyword expression.
- 13. (Previously presented) The method of Claim 9, wherein said client browser is hosted within a wireless mobile device and said parameter set includes information derived from an electronic positioning system.
- 14. (Previously presented) The method of Claim 9, whereby said transmitted executable code further orchestrates the following act:

evaluating the results of the comparison and when said step of comparing reveals a match, coupling information related thereto to the user, and when said step of comparing does not yield a match, checking to see if the search is complete, and if it is

not, accessing a next hyperlink and repeating the steps of activating, retrieving, and comparing, and evaluating.

15. (Previously presented) The method of Claim 14, wherein said step of evaluating further comprises the steps of:

when said information has been coupled to said user, awaiting a find-next signal, and when said find-next signal is received, checking to see if the search is complete, and if it is not, accessing a next hyperlink and repeating the steps of activating, retrieving, and comparing, and evaluating.

- 16. (Previously presented) The method of Claim 9, wherein said parameters include a Boolean keyword expression, an indication of the number of levels to search, and an indication to continue the search on a designated-next-linked page.
- 17. (Previously presented) The method of Claim 9, wherein said hyperlink points to a metadata description of a web resource and said step of accessing involves accessing a file containing metadata relating to said resource.
- 18. (Previously presented) The method of Claim 9, wherein said second markup document comprises a metadata description, said metadata description being described using a resource description framework (RDF) based language.
- 19. (presently amended) In a a client-side computing device, a method of seeking information in an information network, the method comprising the steps of:

accessing a web page via said network connection using a client-server transaction;

presenting said web page to a user;

receiving a set of one or more multilevel search parameters to define a multilevel browsing operation over a set of documents whose web addresses fall within a specified domain;

receiving a content based search parameter;

specifying in said client-side device a multilevel search specification comprising a first parameter that defines a content based search specification and a second parameter that identifies a linked set of documents obtained by following a set of one or more levels

of hyperlinks from the web page, and transmitting the multilevel search specification a remote server that is adapted to execute a multilevel search in response thereto:

wherein the multilevel search causes a set of specified links who are within N hyperlink hops of the web page to be searched for the content based search parameter, and causes to be coupled back to the client-side computing device a returned set of the documents that match the content based search parameter;

wherein each document in the returned set of documents is guaranteed to be a member of the linked set of documents as defined by the second parameter and to further include content as defined by the first parameter; and

wherein the first parameter is not re-entered into any embedded search engines found in the linked set of documents or any other search engines to extend the search beyond the linked set of documents.

- 20. (Previously presented) The method of Claim 19, wherein the multilevel search specification is limited by not following any hyperlink that points outside of a domain as defined in a URL specification.
  - 21. (Presently amended) A multilevel search software module comprising: a user interface for interacting with a remote user;

a multilevel search control interface configured to accept at least two parameters, one that defines a content based search string and another that defines a linked set of documents that each have a hyperlink linkage referenced from a target web page;

[[a]] a multilevel search specification that is received from a remote client and that is responsive to the at least two parameters to specify a multilevel search to search each of the documents specified in the linked set of documents for the content that matches the content based search string, wherein documents in the linked set of documents are characterized in that they can be reached from the target web page through a sequence of N hyperlink activations, where N is a member of the group consisting of fixed integer and a parameter that defines a domain in a URL specification used to bound the search to only follow hyperlinks leading from the target web pages and falling within a specified domain;

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wherein the server executes the multilevel search to cause the documents in the linked set of documents to be analyzed to determine whether they match the content based search string, and to couple back to the client-side software module a returned set of documents;

wherein each document in the returned set of documents includes content as defined by the first parameter and is guaranteed to be a member of the linked set of documents as defined by the second parameter; and

wherein the first parameter is not re-entered into any embedded search engines found in the linked set of documents or any other search engines to extend the search beyond the linked set of documents.